Christie Vive Audio BKT-LA4 Bracket

User Manual

020-101284-01

CHRISTIE®

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Products are warranted under Christie's standard limited warranty, the complete details of which are available by contacting your Christie dealer or Christie. In addition to the other limitations that may be specified in Christie's standard limited warranty and, to the extent relevant or applicable to your product, the warranty does not cover:

a. Problems or damage occurring during shipment, in either direction.
b. Projector lamps (See Christie's separate lamp program policy).
c. Problems or damage caused by use of a projector lamp beyond the recommended lamp life, or use of a lamp other than a Christie lamp supplied by Christie or an authorized distributor of Christie lamps.
d. Problems or damage caused by combination of a product with non-Christie equipment, such as distribution systems, cameras, DVD players, etc., or use of a product with any non-Christie interface device.
e. Problems or damage caused by the use of any lamp, replacement part or component purchased or obtained from an unauthorized distributor of Christie lamps, replacement parts or components including, without limitation, any distributor offering Christie lamps, replacement parts or components through the internet (confirmation of authorized distributors may be obtained from Christie).
f. Problems or damage caused by misuse, improper power source, accident, fire, flood, lightening, earthquake or other natural disaster.
g. Problems or damage caused by improper installation/alignment, or by equipment modification, if by other than Christie service personnel or a Christie authorized repair service provider.
h. Problems or damage caused by use of a product on a motion platform or other movable device where such product has not been designed, modified or approved by Christie for such use.
i. Problems or damage caused by use of a projector in the presence of an oil-based fog machine or laser-based lighting that is unrelated to the projector.
j. For LCD projectors, the warranty period specified in the warranty applies only where the LCD projector is in "normal use" which means the LCD projector is not used more than 8 hours a day, 5 days a week.
k. Except where the product is designed for outdoor use, problems or damage caused by use of the product outdoors unless such product is protected from precipitation or other adverse weather or environmental conditions and the ambient temperature is within the recommended ambient temperature set forth in the specifications for such product.
l. Image retention on LCD flat panels.
m. Defects caused by normal wear and tear or otherwise due to normal aging of a product.

The warranty does not apply to any product where the serial number has been removed or obliterated. The warranty also does not apply to any product sold by a reseller to an end user outside of the country where the reseller is located unless (i) Christie has an office in the country where the end user is located or (ii) the required international warranty fee has been paid.

The warranty does not obligate Christie to provide any on site warranty service at the product site location.

PREVENTATIVE MAINTENANCE

Preventative maintenance is an important part of the continued and proper operation of your product. Please see the Maintenance section for specific maintenance items as they relate to your product. Failure to perform maintenance as required, and in accordance with the maintenance schedule specified by Christie, will void the warranty.

REGULATORY

The product has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the product is operated in a commercial environment. The product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the product in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at the user's own expense.

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The product is designed and manufactured with high-quality materials and components that can be recycled and reused. This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from regular waste. Please dispose of the product appropriately and according to local regulations. In the European Union, there are separate collection systems for used electrical and electronic products. Please help us to conserve the environment we live in!

Addendum

Translated copies of this document are provided on the CD in the back of this document. The CD may also contain additional product documentation. Read all instructions before using or servicing this product.

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Übersetzte Versionen dieses Dokuments werden auf der CD auf dem Vorsatzblatt dieses Dokuments bereitgestellt. Die CD kann auch zusätzliche Produktdokumentation enthalten. Bitte lesen Sie diese Anweisungen vor der Verwendung dieses Produkts oder vor der Ausführung von Wartungsarbeiten am Produkt.

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Safety Information

- Read and follow this information thoroughly before installing a bracket.
- Read these instructions.
- Keep these instructions.
- Two people are required to safely lift and install the bracket.
- Only use attachments or accessories specified by Christie.
- Changes or modifications to the product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- This bracket must be attached to the speaker and the subwoofer cabinet to be used freestanding.
- All hardware must be torqued to the recommended levels as per this manual.

Technical Support

Contact your dealer or technical support for questions relating to unclear information, malfunctions, or product repairs.

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Introduction

This manual provides bracket installation procedures and product specifications.

The BKT-LA4 bracket is designed to secure an LA4 speaker to an S215 subwoofer when platform mounting.

What's In the Box?

This table lists the components shipped with the BKT-LA4 bracket.

Quantity	Description	Part Number
1	Left bracket assembly	145-146102-XX
1	Right bracket assembly	
2	Cross strap plate	
2	M6 35 mm button head bolt	
2	M6 lock washer	
2	M10 60 mm button head bolt	
6	M10 star washer	
10	M10 45 mm button head bolt	
10	M10 hex nut	
1	Left base bracket	
1	Right base bracket	
8	Rubber end cup	

Installation

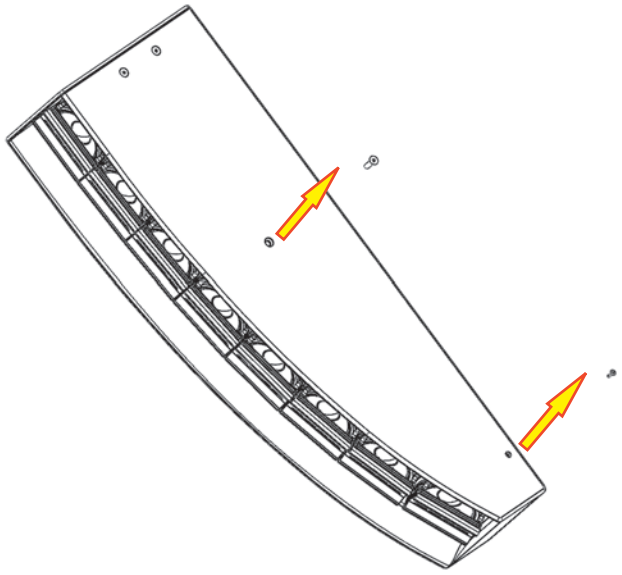
⚠WARNING Failure to comply with the following could result in death or serious injury.

- Before installation, inspect all components for cracks, deformations, corrosion, and missing or damaged parts that could reduce their installation strength.
- This bracket is not designed to be freestanding until it is attached to the speaker and subwoofer cabinet.
- Only use the specified attachments or accessories.

Install the BKT-LA4 bracket

⚠WARNING A minimum of two people are required to safely move, lift, and install the LA4 speaker, BKT-LA4/LA4 assembly and the S215 subwoofer. Failure to comply could result in death or serious injury.

1. Place the LA4 speaker on its left side on a flat, stable surface free of debris.
2. Remove the center and bottom bolts from the right side of the LA4 speaker.



3. Attach the bracket assemblies to the LA4.

   See *Attach the bracket assemblies to the LA4 speaker* on page 13.

4. Loosely secure the two cross strap plates.

   See *Install the cross strap plates* on page 14.

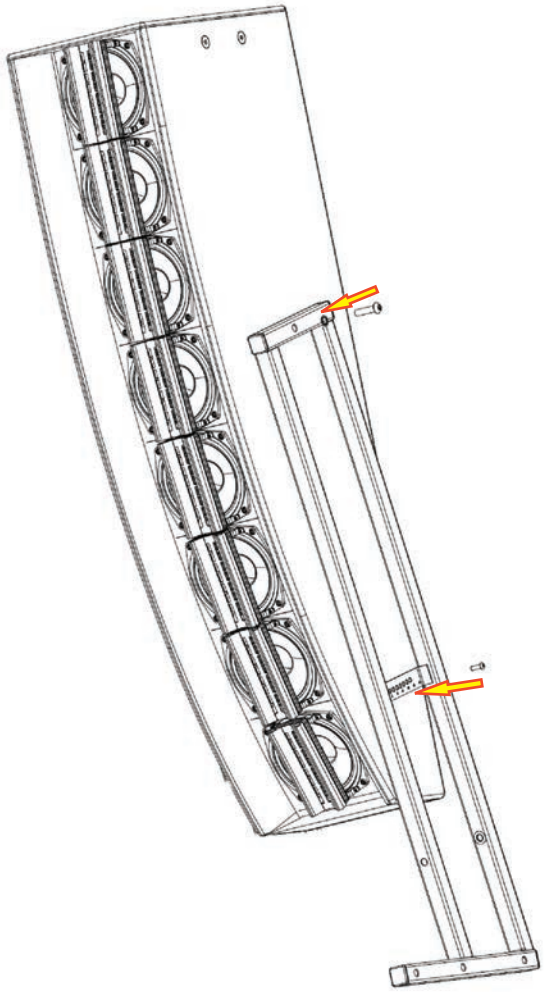
5. Secure the LA4 to the S215 subwoofer.

   See *Secure the LA4 speaker to the S215 subwoofer* on page 15.

Attach the bracket assemblies to the LA4 speaker

Only one person is required to complete this procedure.

1. Place the right bracket assembly on the right side of the LA4 speaker.
2. Align the hole at the top of the right bracket assembly with the bolt hole at the center of the speaker.
3. Secure the bracket in position with one M10 star washer and one M10 60 mm button head bolt to the torque of 2.8 N*m (25 in*lbf).
4. Align the 0° mark on the pivot brace with the hole on the bottom of the speaker.
5. Secure the bracket in position with one M6 lock washer and one M6 35 mm button head bolt to the torque of 2.0 N*m (18 in*lbf).



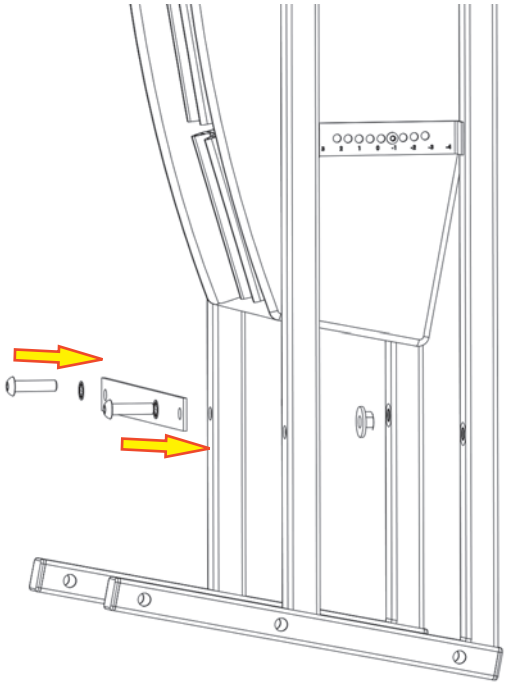
6. Repeat steps 1 to 5 for the left side of the LA4 speaker, using the left bracket assembly.

Install the cross strap plates

Only one person is required to complete this procedure.

1. Align a cross strap plate across the front of the right and left bracket assemblies.
2. Install the cross strap plate with one M10 45 mm button head bolt, one M10 star washer, and one M10 hex nut in each of the two holes.

   Do not fully torque the bolts, you will secure them in a later step.

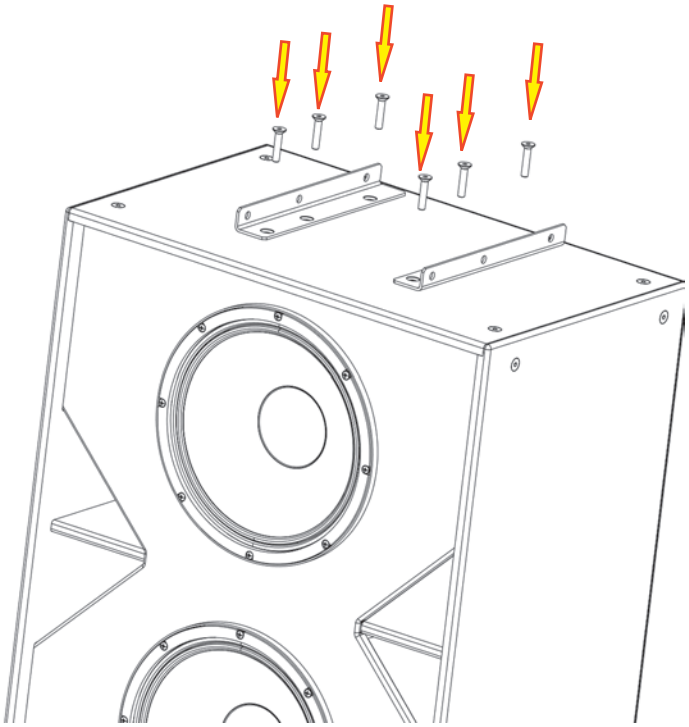


3. Repeat steps 1 and 2 for the second cross strap plate.

Secure the LA4 speaker to the S215 subwoofer

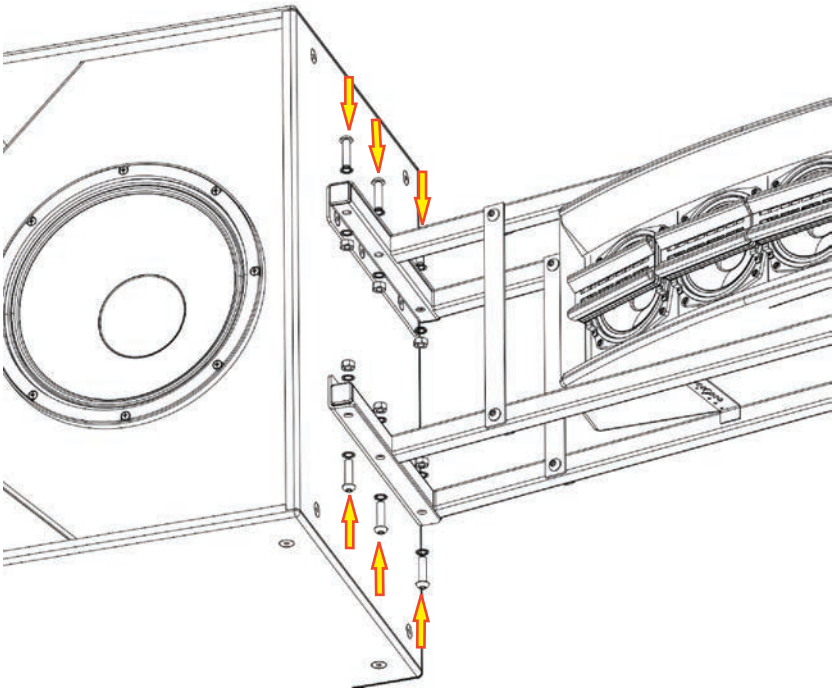
1. With a minimum of two people, move the S215 subwoofer to the screen channel platform location.
2. Remove the six pre-installed M10 x 60 mm button head bolts from the top of the S215 subwoofer.
3. Align the left and right base brackets over the left and right bolt holes in the top of the S215 subwoofer.

4. Secure the base brackets with the six M10 X 60 mm button head bolts removed in step 2.



5. Lay the S215 subwoofer on its back.
6. Place the LA4 and bracket assembly on its back, with the tilt bracket feet positioned over the base brackets.
7. Install one M10 x 60 mm button head bolt into each of the six bracket foot holes.

   Do not fully torque any of the six bolts until they are aligned and correctly engaged.



8. Tighten the four cross strap plate bolts to the torque of 2.1 N*m (19 in*lbf).
9. With a minimum of two people, tilt the subwoofer/bracket/speaker assembly up until the subwoofer is resting on its base and the speaker is vertical.
10. Move the assembly to its final position on the platform.
11. Aim the S215 subwoofer and LA4 speaker using a laser distance measurement tool.
12. Secure the S215 subwoofer to the platform with BKS-SUB brackets.

    See the *BKS-SUB Bracket User Manual* for installation instructions.

Specifications

Physical

Specification	Value
Packaged Dimensions (H x W x D)	117.4 cm x 45.3 cm x 47.9 cm (46.2 in.) x (17.8 in.) x (18.9 in.)
Weight (net)	14 kg (30.9 lb) packaged

Accessories

Part Description	Part Number
Christie Vive Audio LA4 speaker	145-102104-XX
Christie Vive Audio LA4 speaker with grill	145-121105-XX
Christie Vive Audio S215 subwoofer	145-103105-XX
Christie Vive Audio S215 subwoofer with grill	145-127101-XX
BKS-SUB bracket	145-110103-XX

000-105194-01
ASSY TECH DOCS BKT-LA4

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